

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

RECORD OF WELL

P 485

|  |  |  |
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|  |  |  |
|  |  |  |

also see P486  
SP94 & SP95  
Carmel 15' quad  
15Y 1.1S-6.2E

Locate well on plat of section.

1. Location: State New York County Putnam  
Nearest P. O. Towners Direction from P. O. \_\_\_\_\_  
Distance from P. O. \_\_\_\_\_ miles; \_\_\_\_\_ 1/4 sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_  
If in city, give street and number Town of Patterson  
near P486
2. Owner: Everett Cady Address Towners, N.Y.  
P.F. Beal and Sons, Inc.  
Driller: Man on rig: Goldie Ridgeway (deceased) Address 4 Putnam Ave., Brewster, N. Y.
3. Situation: Is well on upland, in valley, or on hillside? valley
4. Elevation of top of well: 526 ft. above the level of sea  
(Above or below) (Sea, depot, lake, or stream)
5. Type of well: drilled; kind of drilling rig used core drill  
(Dug, driven, bored, or drilled) (Solid tool, auger, rotary, etc.)
6. Depth of well: 180 ft.; year in which well was finished 1934  
Does well enter rock? yes; if so, at what depth? 30 ft.; kind of rock limestone  
159-Driller
7. Diameter: At top 6 inches; at bottom 6 inches.
8. Principal water bed: limestone  
Depth to principal water bed 180 ft.; thickness of bed \_\_\_\_\_ ft.  
(Gravel, sand, clay, or rock. If rock, state kind)  
If other water supplies were found, give depth to each \_\_\_\_\_
9. Casings: Kind steel; size 6"; length 30? ft.; between depths of 0 and 30? ft.  
Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.  
Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.
- Packers (if any): Depth at which packers were used None; kind \_\_\_\_\_
- Screen or Strainer: Was well finished with screen? No; kind of screen \_\_\_\_\_;  
length of screen \_\_\_\_\_ ft.; diameter \_\_\_\_\_ inches; size of openings \_\_\_\_\_
10. Head: Does well at present overflow without pumping? No; did it overflow when new? No;  
if flowing, give pressure \_\_\_\_\_ lb. per sq. inch; or height water will rise in a pipe \_\_\_\_\_ ft. above surface;  
original pressure or head \_\_\_\_\_; if not flowing, give water level in well \_\_\_\_\_ ft. below surface.
11. Pump: Is the well pumped? yes; kind of pump DW see Beal;  
size or capacity of pump \_\_\_\_\_; kind of power electric
12. Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow \_\_\_\_\_ gallons per minute;  
well has been pumped at 5 gallons per minute Pump Test continuously for 12? hours;  
quantity of water ordinarily obtained from well 500 gallons per day.
13. Use: For what purpose is the water used? Domestic - 1 family
14. Quality of the water: hard - softener used; is there an analysis? yes (run)  
(Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank

I. G. Grossman from driller's records

Date

5-28-50

Address

U. S. Geol. Survey, Albany

+ from Everett Cady (mainly)



# LOG OF WELL

| KIND OF ROCK OR OTHER MATERIAL<br>(Give color and tell whether hard or soft)  | DEPTH, IN FEET |       | THICKNESS,<br>IN FEET | REMARKS<br>(Especially information as to water found) |
|---|----------------|-------|-----------------------|---|
|   | From—          | To—   |                       |   |
| Topsoil   | 0              | 2     | 2                     |   |
| Clay  | 2              | 30    | 28                    |   |
| White limestone   | 30             | 180   | 150                   |   |
|   | 30             | 159   | 129                   | Main water bed at bottom                              |
| (Drill cores are on property)   |                |       |                       |   |
| <p>Brook water used for farm &amp; cattle. An old abandoned dug well is next to house (about 30' deep). Another old abandoned dug well up on hill about 30' deep(?) is also not used.</p> |                |       |                       |   |
| <p>Permutest Analysis <sup>from Berl</sup> E. W. Cady - drilled well 7-31-41</p>  |                |       |                       |   |
| Total hardness  | 176            | ✓     |                       |   |
| alk A   | 160            | ✓     |                       |   |
| CO <sub>2</sub>   | 8              |       |                       |   |
| Cl  | 6              | 4.2 ✓ |                       |   |
| SO <sub>3</sub>   | 8              | 10 ✓  |                       |   |
| Fe  | 0.1            | ✓     |                       | 9.6 5   |
| Turbidity   | 5              | ✓     |                       | .96 2   |
| Color   | 10             | ✓     |                       | 576   |
| PH  | 7.6            | ✓     |                       | 864   |
| Total compensated hardness  | 11             |       |                       | 1216  |